

## **ABSTRACT**

A method for authenticating a mobile communication device (MCD) to a wireless network. The method includes transmitting from the wireless network to the MCD a first value. The method further includes receiving from the MCD at the wireless network a second value, the second value representing a function of the first value, a shared data value that is stored in both the MCD and the wireless network, and at least one metric pertaining to an application program stored in the MCD.